EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	5271	707/100.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 07:59
L7	43091	"707"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 07:59
L8	5	6 and dedicat$4 near director$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:00
L9	5	6 and dedicat$4 near director$3 and @ad<"20031023"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:06
L10	5	user$1 near2 "defined datatype" and field$1 and instance near2 object$1 and behavior$1 and @ad<"20031023"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:05
L11	25	7 and dedicat$4 near director$3 and @ad<"20031023"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:08
L12	0	10 and 11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:06
L13	4	call near open$5 same file$! and "NTFS" and "Win32" and instance near2 object$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:07
L14	0	11 and 13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:07
L15	13	receiv$3 same request$3 same stor$3 same object and instance near type and user near defined near type	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:07
L16	5	6 and dedicat$4 near director$3 and @ad<"20031023"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:08

EAST Search History

L17	5	11 and 16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:09
L18	0	15 and 11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:09
L19	5	microsoft.as. and ("defined datatype" and field$1 and behavior$1 and @ad<"20031023")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:12
L20	0	11 and 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:12
L21	31	"managed code" same class and @ad<"20031023"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:12
L22	0	11 and 21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/05/14 08:12

Terms used **data type** and **external storage of large object** Found **130,491** of **201,062**

Sort results by relevance

Display results expanded form

Save results to a Binder

Search Tips

Open results in a new window

Try an Advanced Search

Try this search in The ACM Guide

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next

Best 200 shown Relevance scale

1 External memory algorithms and data structures: dealing with **massive data**

Jeffrey Scott Vitter

June 2001 **ACM Computing Surveys (CSUR)**, Volume 33 Issue 2

Publisher: ACM Press

Full text available: pdf(828.46 KB) Additional Information: full citation, abstract, references, citings, index terms

Data sets in large applications are often too massive to fit completely inside the computers internal memory. The resulting input/output communication (or I/O) between fast internal memory and slower external memory (such as disks) can be a major performance bottleneck. In this article we survey the state of the art in the design and analysis of external memory (or EM) algorithms and data structures, where the goal is to exploit locality in order to reduce the I/O costs. We consider a varie ...

Keywords: B-tree, I/O, batched, block, disk, dynamic, extendible hashing, external memory, hierarchical memory, multidimensional access methods, multilevel memory, online, out-of-core, secondary storage, sorting

2 An open abstract-object storage system

Stephen Blott, Lukas Relly, Hans-Jörg Schek

June 1996 **ACM SIGMOD Record , Proceedings of the 1996 ACM SIGMOD international conference on Management of data SIGMOD '96**, Volume 25 Issue 2

Publisher: ACM Press

Full text available: pdf(1.15 MB) Additional Information: full citation, abstract, references, citings, index terms

Database systems must become more open to retain their relevance as a technology of choice and necessity. Openness implies not only databases exporting their data, but also exporting their services. This is as true in classical application areas as in non-classical (GIS, multimedia, design, etc).This paper addresses the problem of exporting storage-management services of indexing, replication and basic query processing. We describe an abstract-object storage model which provides the basic mechan ...

3 Enhanced abstract data types in object-relational databases

Praveen Seshadri

August 1998 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 7 Issue 3

Publisher: Springer-Verlag New York, Inc.

Full text available: pdf(119.21 KB) Additional Information: full citation, abstract, citings, index terms

The explosion in complex multimedia content makes it crucial for database systems to support such data efficiently. This paper argues that the "blackbox" ADTs used in current object-relational systems inhibit their performance, thereby limiting their use in emerging applications. Instead, the next generation of object-relational database systems should be based on enhanced abstract data type (E-ADT) technology. An (E-ADT) can expose the *semantics* of its methods to the database ...

Keywords: Database types, Extensibility, Object-relational database, Query optimization

4 Data base directions: the next steps

John L. Berg
November 1976 **ACM SIGMOD Record , ACM SIGMIS Database**, Volume 8 , 8 Issue 4 , 2
Publisher: ACM Press
Full text available: pdf(9.95 MB) Additional Information: full citation, abstract, citings

What information about data base technology does a manager need to make prudent decisions about using this new technology? To provide this information the National Bureau of Standards and the Association for Computing Machinery established a workshop of approximately 80 experts in five major subject areas. The five subject areas were auditing, evolving technology, government regulations, standards, and user experience. Each area prepared a report contained in these proceedings. The proceedings p ...

Keywords: DBMS, auditing, cost/benefit analysis, data base, data base management, government regulation, management objectives, privacy, security, standards, technology assessment, user experience

5 A Value Transmission Method for Abstract Data Types

Maurice P. Herlihy, Barbara Liskov
October 1982 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 4 Issue 4
Publisher: ACM Press
Full text available: pdf(1.63 MB) Additional Information: full citation, references, citings, index terms

6 Operating system principles

Per Brinch Hansen
January 1973 Book
Publisher: Prentice-Hall, Inc.
Full text available: pdf(16.81 MB) Additional Information: full citation, abstract, references, citings, index terms

From the Preface

MAIN GOAL

This book tries to give students of computer science and professional programmers a general understanding of *operating systems*--the programs that enable people to share computers efficiently.

To make the sharing of a computer tolerable, an operating system must enforce certain rules of behavior on all its users. One would therefore expect the designers of operating systems to do their utmost to make them as s ...

7 Cryptography and data security
Dorothy Elizabeth Robling Denning
January 1982 Book
Publisher: Addison-Wesley Longman Publishing Co., Inc.
Full text available: pdf(19.47 MB) Additional Information: full citation, abstract, references, citings, index terms

From the Preface (See Front Matter for full Preface)

Electronic computers have evolved from exiguous experimental enterprises in the 1940s to prolific practical data processing systems in the 1980s. As we have come to rely on these systems to process and store data, we have also come to wonder about their ability to protect valuable data.

Data security is the science and study of methods of protecting data in computer and communication systems from unauthorized disclosure ...

8 The multics system: an examination of its structure
Elliott I. Organick
January 1972 Book
Publisher: MIT Press
Full text available: pdf(23.94 MB) Additional Information: full citation, abstract, references, cited by, index terms

This volume provides an overview of the Multics system developed at M.I.T.--a time-shared, general purpose utility like system with third-generation software. The advantage that this new system has over its predecessors lies in its expanded capacity to manipulate and file information on several levels and to police and control access to data in its various files. On the invitation of M.I.T.'s Project MAC, Elliott Organick developed over a period of years an explanation of the workings, concep ...

9 Persistent memory: a storage architecture for object-oriented database systems
Satish M. Thatte
September 1986 **Proceedings on the 1986 international workshop on Object-oriented database systems OODS '86**
Publisher: IEEE Computer Society Press
Full text available: pdf(1.13 MB) Additional Information: full citation, abstract, references, citings, index terms

Object-oriented databases are needed to support database objects with a wide variety of types and structures. A persistent memory system provides a storage architecture for long-term, reliable retention of objects with rich types and structures in the virtual memory itself. It is based on a uniform memory abstraction, which eliminates the distinction between transient objects (data structures) and persistent objects (files and databases), and therefore, allows the same set of powerful and f ...

10 Design of the Mneme persistent object store
J. Eliot B. Moss
April 1990 **ACM Transactions on Information Systems (TOIS)**, Volume 8 Issue 2
Publisher: ACM Press
Full text available: pdf(3.22 MB) Additional Information: full citation, abstract, references, citings, index terms, review

The Mneme project is an investigation of techniques for integrating programming language and database features to provide better support for cooperative, information-intensive tasks such as computer-aided software engineering. The project strategy is to

implement efficient, distributed, persistent programming languages. We report here on the Mneme persistent object store, a fundamental component of the project, discussing its design and initial prototype. Mneme stores objects

11 A survey of structured and object-oriented software specification methods and techniques

Roel Wieringa
December 1998 **ACM Computing Surveys (CSUR)**, Volume 30 Issue 4
Publisher: ACM Press

Full text available: pdf(605.26 KB) Additional Information: full citation, abstract, references, citings, index terms, review

This article surveys techniques used in structured and object-oriented software specification methods. The techniques are classified as techniques for the specification of external interaction and internal decomposition. The external specification techniques are further subdivided into techniques for the specification of functions, behavior, and communication. After surveying the techniques, we summarize the way they are used in structured and object-oriented methods and indicate ways in w ...

Keywords: languages

12 Query evaluation techniques for large databases

Goetz Graefe
June 1993 **ACM Computing Surveys (CSUR)**, Volume 25 Issue 2
Publisher: ACM Press

Full text available: pdf(9.37 MB) Additional Information: full citation, abstract, references, citings, index terms, review

Database management systems will continue to manage large data volumes. Thus, efficient algorithms for accessing and manipulating large sets and sequences will be required to provide acceptable performance. The advent of object-oriented and extensible database systems will not solve this problem. On the contrary, modern data models exacerbate the problem: In order to manipulate large sets of complex objects as efficiently as today's database systems manipulate simple records, query-processi ...

Keywords: complex query evaluation plans, dynamic query evaluation plans, extensible database systems, iterators, object-oriented database systems, operator model of parallelization, parallel algorithms, relational database systems, set-matching algorithms, sort-hash duality

13 Data-centric storage in sensornets with GHT, a geographic hash table

Sylvia Ratnasamy, Brad Karp, Scott Shenker, Deborah Estrin, Ramesh Govindan, Li Yin, Fang Yu
August 2003 **Mobile Networks and Applications**, Volume 8 Issue 4
Publisher: Kluwer Academic Publishers

Full text available: pdf(255.10 KB) Additional Information: full citation, abstract, references, citings, index terms

Making effective use of the vast amounts of data gathered by large-scale sensor networks (sensornets) will require scalable, self-organizing, and energy-efficient data dissemination algorithms. For sensornets, where the content of the data is more important than the identity of the node that gathers them, researchers have found it useful to move away from the Internet's point-to-point communication abstraction and instead adopt abstractions that are more data-centric. This approach entails *na* ...

Keywords: *algorithms, distributed systems, performance, sensor networks*

14 A distributed repository for immutable persistent objects

Douglas Wiebe
June 1986 **ACM SIGPLAN Notices , Conference proceedings on Object-oriented programming systems, languages and applications OOPLSA '86**, Volume 21 Issue 11
Publisher: ACM Press

Full text available: pdf(1.00 MB) Additional Information: full citation, abstract, references, citings, index terms

Jasmine is an object-oriented system for programming-in-the-large. Jasmine describes software using system model objects. These objects are persistent (they have lifetimes of days or decades) and immutable (since system models act as historical records). This paper describes JStore, a distributed, replicated repository for system model objects. JStore provides robust, transactional, write-once storage.Designs are presented for the serialization, ...

15 Classics in software engineering

January 1979 Divisible Book
Publisher: Yourdon Press
Full text available: pdf(22.45 MB) Additional Information: full citation, cited by, index terms

16 Indexing for data models with constraints and classes (extended abstract)

Paris C. Kanellakis, Sridhar Ramaswamy, Darren E. Vengroff, Jeffrey S. Vitter
August 1993 **Proceedings of the twelfth ACM SIGACT-SIGMOD-SIGART symposium on Principles of database systems PODS '93**
Publisher: ACM Press

Full text available: pdf(1.08 MB) Additional Information: full citation, abstract, references, citings, index terms

We examine I/O-efficient data structures that provide indexing support for new data models. The database languages of these models include concepts from constraint programming (e.g., relational tuples are generalized to conjunctions of constraints) and from object-oriented programming (e.g., objects are organized in class hierarchies). Let n be the size of the database, c the number of classes, B the secondary storage page size, and

17 Special issue on persistent object systems: Orthogonally persistent object systems

Malcolm Atkinson, Ronald Morrison
July 1995 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 4 Issue 3
Publisher: Springer-Verlag New York, Inc.
Full text available: pdf(5.02 MB) Additional Information: full citation, abstract, references, citings

Persistent Application Systems (PASs) are of increasing social and economic importance. They have the potential to be long-lived, concurrently accessed, and consist of large bodies of data and programs. Typical examples of PASs are CAD/CAM systems, office automation, CASE tools, software engineering environments, and patient-care support systems in hospitals. Orthogonally persistent object systems are intended to provide improved support for the design, construction, maintenance, and operation o ...

Keywords: database programming languages, orthogonal persistence, persistent application systems, persistent programming languages

18 A shared, segmented memory system for an object-oriented database

Mark F. Hornick, Stanley B. Zdonik
January 1987 **ACM Transactions on Information Systems (TOIS)**, Volume 5 Issue 1
Publisher: ACM Press

Full text available: pdf(2.05 MB) Additional Information: full citation, abstract, references, citings, index terms, review

This paper describes the basic data model of an object-oriented database and the basic architecture of the system implementing it. In particular, a secondary storage segmentation scheme and a transaction-processing scheme are discussed. The segmentation scheme allows for arbitrary clustering of objects, including duplicates. The transaction scheme allows for many different sharing protocols ranging from those that enforce serializability to those that are nonserializable and require communi ...

19 Charles W. Bachman interview: September 25-26, 2004; Tucson, Arizona

Thomas Haigh
January 2006 **ACM Oral History interviews**
Publisher: ACM Press
Full text available: pdf(761.66 KB) Additional Information: full citation, abstract

Charles W. Bachman reviews his career. Born during 1924 in Kansas, Bachman attended high school in East Lansing, Michigan before joining the Army Anti Aircraft Artillery Corp, with which he spent two years in the Southwest Pacific Theater, during World War II. After his discharge from the military, Bachman earned a B.Sc. in Mechanical Engineering in 1948, followed immediately by an M.Sc. in the same discipline, from the University of Pennsylvania. On graduation, he went to work for Do ...

20 Applications and OS: GHT: a geographic hash table for data-centric storage

Sylvia Ratnasamy, Brad Karp, Li Yin, Fang Yu, Deborah Estrin, Ramesh Govindan, Scott Shenker
September 2002 **Proceedings of the 1st ACM international workshop on Wireless sensor networks and applications WSNA '02**
Publisher: ACM Press

Full text available: pdf(217.28 KB) Additional Information: full citation, abstract, references, citings, index terms

Making effective use of the vast amounts of data gathered by large-scale sensor networks will require scalable, self-organizing, and energy-efficient data dissemination algorithms. Previous work has identified data-centric routing as one such method. In an asso-ciated position paper [23], we argue that a companion method, data-centric storage (DCS), is also a useful approach. Under DCS, sensed data are stored at a node determined by the name associated with the sensed data. In this paper, we des ...

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next

Terms used **dedicated directory** and **designated field** Found **67,336** of **201,062**

Sort results by relevance

Display results expanded form

Save results to a Binder

Search Tips

Open results in a new window

Try an Advanced Search

Try this search in The ACM Guide

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next

Best 200 shown Relevance scale

1 A real-time Ada design method based on DoD-STD-2167A

Christophe Ville, Alain Bratel

December 1990 **Proceedings of the conference on TRI-ADA '90 TRI-Ada '90**

Publisher: ACM Press

Full text available: pdf(921.97 KB) Additional Information: full citation, abstract, references, citings

This paper presents the THOMSON CSF design methodology used on large Real-Time Ada projects compliant with the DOD-STD-2167A standard. This design methodology was defined within the context of the RMR radar software project. RMR software is still under development and will be integrated in the Navy, Airfield and Battlefield radar systems over the next decade. The challenge was to conceive a methodology compliant with the DOD-STD-2167A standard, mapped to Ada features, ...

2 Computing the velocity field along contours (abstract only)

Ellen C. Hildreth

January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1

Publisher: ACM Press

Full text available: pdf(3.92 MB) Additional Information: full citation, abstract

In this paper, we present a computational study of the measurement of motion. Similar to other visual processes, the motion of elements is not determined uniquely by information in the changing image; additional constraint is required to compute a unique velocity field. Given this global ambiguity of motion, local measurements from the changing image cannot possibly specify a unique local velocity vector, and in fact, may only specify one component of velocity. Computation of the full two-dimens ...

3 On the estimation of dense displacement vector fields from image sequences (abstract only)

H. H. Nagel

January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1

Publisher: ACM Press

Full text available: pdf(3.92 MB) Additional Information: full citation, abstract

Based on recent experimental as well as theoretical investigations, a generalization of previously published approaches towards the estimation of displacement vector fields is formulated. The calculus of variation allows to transform this approach into a set of two partial differential equations for the two components of the displacement vector field. Some simplifying assumptions facilitate the derivation of an iterative solution approach

which can be studied in closed form.

4 The ethnographically informed participatory design of a PD application to support communication

Rhian Davies, Skip Marcella, Joanna McGrenere, Barbara Purves
September 2003 **ACM SIGACCESS Accessibility and Computing , Proceedings of the 6th international ACM SIGACCESS conference on Computers and accessibility Assets '04**, Issue 77-78
Publisher: ACM Press

Full text available: pdf(366.77 KB) Additional Information: full citation, abstract, references, citings, index terms

Aphasia is an acquired communication deficit that impacts the different language modalities. PDAs have a form factor and feature set that suggest they could be effective communication tools for people with aphasia. An ethnographic study was conducted with one participant both to learn about communication strategies used by people with aphasia, and to observe how a PDA is incorporated into those strategies. The most significant usability issues found were file access and organization. A partic ...

Keywords: aphasia, assistive technology, augmentative alternative communication, cognitive disabilities, ethnography, handheld devices, participatory design, universal usability

5 The multics system: an examination of its structure

Elliott I. Organick
January 1972 Book
Publisher: MIT Press

Full text available: pdf(23.94 MB) Additional Information: full citation, abstract, references, cited by, index terms

This volume provides an overview of the Multics system developed at M.I.T.--a time-shared, general purpose utility like system with third-generation software. The advantage that this new system has over its predecessors lies in its expanded capacity to manipulate and file information on several levels and to police and control access to data in its various files. On the invitation of M.I.T.'s Project MAC, Elliott Organick developed over a period of years an explanation of the workings, concep ...

6 Determining the instantaneous axis of translation from optic flow generated by arbitrary sensor motion (abstract only)

J. H. Rieger, D. T. Lawton
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB) Additional Information: full citation, abstract

This paper develops a simple and robust procedure for determining the instantaneous axis of translation from image sequences induced by unconstrained sensor motion. The procedure is based upon the fact that difference vectors at discontinuities in optic flow fields generated by sensor motion relative to a stationary environment are oriented along translational field lines. This is developed into a procedure consisting of three steps: 1) locally computing difference vectors from an optic flow fie ...

7 Complex logarithmic mapping and the focus of expansion (abstract only)

Ramesh Jain
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press

Full text available: pdf(3.92 MB) Additional Information: full citation, abstract

Complex logarithmic mapping has been shown to be useful for the size, rotation, and projection invariance of objects in a visual field for an observer translating in the direction of its gaze. Assuming known translational motion of the observer, the ego-motion polar transform was successfully used in segmentation of dynamic scenes. By combining the two transforms one can exploit features of both transforms and remove some of the limitations which restrict the applicability of both. In this paper ...

8 Experiences with the Amoeba distributed operating system

Andrew S. Tanenbaum, Robbert van Renesse, Hans van Staveren, Gregory J. Sharp, Sape J. Mullender

December 1990 **Communications of the ACM**, Volume 33 Issue 12

Publisher: ACM Press

Full text available: pdf(2.71 MB) Additional Information: full citation, abstract, references, citings, index terms, review

The Amoeba project is a research effort aimed at understanding how to connect multiple computers in a seamless way [16, 17, 26, 27, 31]. The basic idea is to provide the users with the illusion of a single powerful timesharing system, when, in fact, the system is implemented on a collection of machines, potentially distributed among several countries. This research has led to the design and implementation of the Amoeba distributed operating system, which is being used as a prototype and veh ...

9 "Graphical marionette" (abstract only)

Carol M. Ginsberg, Delle Maxwell

January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1

Publisher: ACM Press

Full text available: pdf(3.92 MB) Additional Information: full citation, abstract

Many person-modelling 3-D animation systems are currently being developed, but often suffer from confusing and elaborate user interfaces. Given over 200 degrees of freedom, the human form is capable of such intricate motion that its specification and display presents considerable difficulty to both animators and animation systems designers. Given such difficulties with single figures, the orchestration of several in parallel remains a major challenge. In pursuit of understanding thoroughly this ...

10 Adapting optical-flow to measure object motion in reflectance and x-ray image sequences (abstract only)

Nancy Cornelius, Takeo Kanade

January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1

Publisher: ACM Press

Full text available: pdf(3.92 MB) Additional Information: full citation, abstract

This paper adapts Horn and Schunck's work on optical flow to the problem of determining arbitrary motions of objects from 2-dimensional image sequences. The method allows for gradual changes in the way an object appears in the image sequence, and allows for flow discontinuities at object boundaries. We find velocity fields that give estimates of the velocities of objects in the image plane. These velocities are computed from a series of images using information about the spatial and temporal bri ...

11 Representing and reasoning about change (abstract only)

Reid G. Simmons, Randall Davis

January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1

Publisher: ACM Press

Full text available: pdf(3.92 MB) Additional Information: full citation, abstract

A recent trend in artificial intelligence research is the construction of expert systems capable of reasoning from a detailed model of the objects in their domain and the processes that affect those objects. We describe a system being built in this fashion, designed to solve a class of problems known as geologic interpretation: given a cross-section of the Earth's crust (showing formations, faults, intrusions, etc.), hypothesize a sequence of geologic events whose occurrence could have formed th ...

12 3D balance in legged locomotion: modeling and simulation for the one-legged case (abstract only)

Seshashayee S. Murthy, Marc H. Raibert
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB) Additional Information: full citation, abstract

This paper explores the notion that the motion of dynamically stable 3D legged systems can be decomposed into a planar part that accounts for large leg and body motions that provide locomotion, and an extra-planar part that accounts for subtle corrective motions that maintain planarity. The large planar motions raise and lower the legs to achieve stepping, and they propel the system forward. The extra-planar motions ensure that the legged system remains in the plane. A solution of this form is s ...

13 Knowledge-based animation (abstract only)

David Zeltzer
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB) Additional Information: full citation, abstract

In constructing a goal-directed system for automatic motion synthesis for computer animation, the essential problem is to account for the extraordinary flexibility and adaptability exhibited by moving creatures. The selective *potentiation* and *depotentiation* of elements of a hierarchy of motor control programs is a key to the generation of adaptive motor control. The constraints on motion sequences are analyzed, and mechanisms for achieving continuity of movements are discussed. The ...

14 A multiple track animator system for motion synchronization (abstract only)

D. Fortin, J. F. Lamy, D. Thalmann
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB) Additional Information: full citation, abstract

MUTAN (MUltiple Track ANimator) is an interactive system for independently animating three-dimensional graphical objects. MUTAN can synchronize different motions; it is also a good tool for synchronizing motion with sound, music, light or smell. To indicate moments in time, marks are associated with appropriate frame numbers. MUTAN enables the marks to be manipulated. An animator can also adjust one motion without modifying the others. To make this possible, MUTAN handles several tracks at a tim ...

15 Motion analysis of grammatical processes in a visual-gestural language (abstract only)

Howard Poizner, Edward S. Klima, Ursula Bellugi, Robert B. Livingston
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB) Additional Information: full citation, abstract

Movement of the hands and arms through space is an essential element both in the lexical structure of American Sign Language (ASL), and, most strikingly, in the grammatical

structure of ASL: it is in patterned changes of the movement of signs that many grammatical attributes are represented. These grammatical attributes occur as an isolable superimposed layer of structure, as demonstrated by the accurate identification by deaf signers of these attributes presented only as dynamic point-light dis ...

16 Perceiving and recovering structure from events (abstract only)

James E. Cutting
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB) Additional Information: full citation, abstract

How do perceivers identify a moving object as seen against a changing background? How do figure and ground separate? Such questions have engaged psychologists for at least seventy years. In particular, the Gestalt psychologists were deeply concerned with the latter, but had only the illdefined notion of *common fate*, or uniform density, for dealing with the former. The coherent flow of a moving object is seen, somehow, by extracting those aspects of the whole that segregate it from the gro ...

17 Selective attention to aspects of motion configurations: common vs. relative motion (abstract only)

James R. Pomerantz, Nelson Toth
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB) Additional Information: full citation, abstract

The motion of a dot configuration may be described as the sum of its relative (part) and common (whole) motion components. Is either of these two component dimensions extracted before the other in human perception? Reaction time data from selective attention experiments show that neither dimension can be responded to without interference from the other, implying that neither is processed more quickly than or ahead of the other. Following Garner's nomenclature, common and relative motions appear ...

18 The cross-ratio and the perception of motion and structure (abstract only)

William A. Simpson
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB) Additional Information: full citation, abstract

Followers of J. J. Gibson have proposed that the cross-ratio, a projective invariant for four collinear points, underlies the perception of objects in motion. Experiment 1 tested this theory by presenting subjects with displays of 3 or 4 dots rotating in depth. Accuracy was equally high in both conditions for motion and structure judgements, so the cross-ratio cannot be necessary. Experiments 2 and 3 tested the cue of lining up, and some evidence for its use was found. The results are consistent ...

19 Perception of rotation in depth: the psychophysical evidence (abstract only)

Myron L. Braunstein
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB) Additional Information: full citation, abstract

There are a variety of ways in which motion in the environment can provide information about three-dimensional relationships. One transformation that has received increasing attention in both the visual perception literature and in the machine vision literature is rotation in depth. This transformation, which includes any rigid rotation other than a

rotation about the line of sight, can provide both a strong impression of depth and specific information about three-dimensional relationships in a ...

20 Multicomputer architectures for real-time perception (abstract only)

Leonard Uhr
January 1984 **ACM SIGGRAPH Computer Graphics**, Volume 18 Issue 1
Publisher: ACM Press
Full text available: pdf(3.92 MB) Additional Information: full citation, abstract

This paper examines the computing demands that must be met by a system capable of scene description and perception of real-world moving objects. A brief survey is made of the major different kinds of computer systems that have been built, or designed, and of the different sources of potential speed-up of processing that have been exploited. Finally, a number of alternative possible hardware architectures that might be capable of handling real-time perception of moving objects are suggested, and ...

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next

Results for **"(data type and external storage <in>metadata)"**
Your search matched **1** of **1568664** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

e-mail

» Search Options

View Session History

New Search

Modify Search

(data type and external storage <in>metadata) Search

Check to search only within this results set

Display Format: Citation Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

view selected items Select All Deselect All

1. **Data and query dissemination in wireless sensor networks**
Kandaswamy, K.; Patel, J.; Ramakrishna, M.V.;
Advanced Communication Technology, 2006. ICACT 2006. The 8th Internatior
Volume 1, 20-22 Feb. 2006 Page(s):4 pp.
AbstractPlus | Full Text: PDF(136 KB) **IEEE CNF**
Rights and Permissions

Results for **"(dedicated directory and designated field<in>metadata)"**

e-mail

Your search matched **0** documents.

A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

View Session History

New Search

Modify Search

(dedicated directory and designated field<in>metadata) Search

Check to search only within this results set

Display Format: Citation Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistan search.

Results for **"(dedicated directory <in>metadata)"** e-mail
Your search matched **0** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

View Session History

New Search

Modify Search

(dedicated directory <in>metadata) Search

Check to search only within this results set

Display Format: Citation Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

No results were found.

Please edit your search criteria and try again. Refer to the Help pages if you need assistan search.

Displaying results 1-20 of 100

Documents similar to:

20050091255 (A) System and method for storing and retrieving a field of a user defin which the type is defined

Display results by:

Publication	Abs	Title
20070094199	(A)	System and method for automatically processing dynamic busine rules in a content management system
20070088757	(A)	System, method and software for creating, maintaining, navigati or manipulating complex data objects and their data relationship
20070088707	(A)	Method for providing extensible software components within a distributed synchronization system
20070074158	(A)	Method and system for creating reusable software components through a uniform interface
20070073670	(A)	System and method for providing an SPI bridge for content management system
20070061428	(A)	Customization of applications through deployable templates
20070061285	(A)	SYSTEM AND METHOD FOR PROVIDING RESULT SETS USING EJ QUERY LANGUAGE
20070055647	(A)	Dynamic class inheritance and distributed caching with object <-> relational mapping and Cartesian model support in a database manipulation and mapping system
20070038683	(A)	Business intelligence system and methods
20070038642	(A)	Method for providing extensible software components within a distributed synchronization system
20070016608	(A)	Displayable presentation page and SQL searchable relational dat source implementation of a system, method and software for creating or maintaining distributed transparent persistence of complex data objects and their data relationships
20070016595	(A)	Session bean implementation of a system, method and software for creating or maintaining distributed transparent persistence o complex data objects and their data relationships
20060294159	(A)	Method and process for co-existing versions of standards in an abstract and physical data environment
20060277214	(A)	Schema for sharing relational database types
20060277201	(A)	Laboratory database system and method for combinatorial materials research
20060265385	(A)	Common interface to access catalog information from heterogeneous databases
20060248467	(A)	Framework for declarative expression of data processing
20060230282	(A)	Dynamically managing access permissions
20060218174	(A)	Method for coordinating schema and data access objects
20060200797	(A)	Integration of data management operations into a workflow system

IP.com Products

Search Prior Art

Publish Prior Art

Legal Safeguarding Agent

Creative Registry

InnovationQ

IP Community

Displaying results 21-40 of 100

Documents similar to:

20050091255 (A) System and method for storing and retrieving a field of a user defin which the type is defined

Display results by:

Publication	Abs	Title
20060200486	(A)	System and method for supporting non-native data types in a database API
20060143223	(A)	System and method for common object/relational mapping
20060143167	(A)	System and method for providing access to data with user defin table functions
20060137019	(A)	Techniques for managing access to physical data via a data abstraction model
20060136804	(A)	Generating a relational view for a base model schema
20060136373	(A)	Systems and methods for plain old java object (POJO) retrieval
20060129605	(A)	System and method for automating the development of web services that incorporate business rules
20060101038	(A)	Extensible object-modelling mechanism
20060095332	(A)	System and method for providing access to an application throu a common interface for application extensions
20060085465	(A)	Method(s) for updating database object metadata
20060070088	(A)	Method of managing application definitions used in a computer program
20060070082	(A)	Managed object framework for network management application development
20060064666	(A)	Business rules for configurable metamodels and enterprise impa analysis
20060048097	(A)	System and method for automating the development of web services
20060031243	(A)	Mapping Enterprise Java Bean attributes to database schema
20060015471	(A)	System, Method, and Computer Program Product of Building A Native XML Object Database
20060010127	(A)	Application portability and extensibility through database schem and query abstraction
20060004887	(A)	Method and device for generating distributed java applications b means of a central xml configuration file
20060004856	(A)	Data management and persistence frameworks for network management application development
20060004851	(A)	OBJECT PROCESS GRAPH RELATIONAL DATABASE INTERFACE

Displaying results 41-60 of 100

Documents similar to:

20050091255 (A) System and method for storing and retrieving a field of a user defin which the type is defined

Display results by:

Publication	Abs	Title
20050289123	(A)	Automated data model extension through data crawler approach
20050278709	(A)	Resource definition language for network management applicati development
20050278693	(A)	Distribution adaptor for network management application development
20050278692	(A)	SNMP agent code generation and SNMP agent framework for network management application development
20050278361	(A)	View definition language for network management application development
20050278270	(A)	Data services handler
20050262475	(A)	System and method for descriptor classes
20050262135	(A)	Systems and methods for EJB finders using SQL
20050262048	(A)	Dynamic database access via standard query language and abstraction technology
20050262041	(A)	Systems and methods for plain old java object (POJO) persisten
20050235258	(A)	Method, plug-in and program product for customizing java bean properties
20050228822	(A)	Simple persistence mechanism for server based web application
20050192970	(A)	Architecture to enable search gateways as part of federated sea
20050177581	(A)	Systems and methods for supporting inheritance for user-define types
20050149552	(A)	Method of generating data servers for heterogeneous data sourc
20050138034	(A)	System and method for sharing resource properties in a multi-u environment
20050125806	(A)	Systems and methods for validating objects models
20050125438	(A)	Systems and methods for validating design meta-data
20050114642	(A)	System and method for managing OSS component configuration
20050114329	(A)	Natural language support for database applications

IP.com Products

Search Prior Art

Publish Prior Art

Legal Safeguarding Agent

Creative Registry

InnovationQ

IP Community

Displaying results 61-80 of 100

Documents similar to:

20050091255 [A] System and method for storing and retrieving a field of a user defin which the type is defined

Display results by:

Publication	Abs	Title
20050114309	[A]	METHOD FOR INVOKING AND INTEGRATING MULTIPLE FUNCTIONAL MODULES
20050108206	[A]	System and method for object-oriented interaction with heterogeneous data stores
20050097187	[A]	Object relational mapping layer
20050091273	[A]	Integrated control and data manager for i2 demand manager
20050086236	[A]	Systems and methods for providing autonomous persistent storage systems
20050071342	[A]	Data processing for objects with unknown data structures
20050066306	[A]	Direct deployment of a software application from code written in tables
20050065966	[A]	Table-oriented application development environment
20050065952	[A]	Extensible framework supporting deposit of heterogenous data sources into a target data repository
20050065942	[A]	Enhancing object-oriented programming through tables
20050060337	[A]	System, method, and service for managing persistent federated folders within a federated content management system
20050050069	[A]	Relational schema format
20050039173	[A]	Method and apparatus for transforming legacy software applications into modern object-oriented distributed systems
20050021709	[A]	Method for creating a protocal-independent manager/agent relationship, in a network management system of a telecommunication network
20050015439	[A]	Flexible architecture component (FAC) for efficient data integrati and information interchange using web services
20050010896	[A]	Universal format transformation between relational database management systems and extensible markup language using XM relational transformation
20040260715	[A]	Object mapping across multiple different data stores
20040255264	[A]	Method for common management model for distributed server network
20040254944	[A]	Common management model for distributed server network
20040249792	[A]	Automated query file conversions upon switching database-acce applications

Displaying results 81-100 of 100

Documents similar to:

20050091255 (A) System and method for storing and retrieving a field of a user defin which the type is defined

Display results by:

Publication	Abs	Title
20040243598	(A)	Method and system for managing database SQL statements in w based and client/server applications
20040230555	(A)	System and method for representing a relational database as a java object
20040225763	(A)	Data integration system with programmatic source and target interfaces
20040225745	(A)	Data integration system with programmatic source and target interfaces
20040225671	(A)	Data integration system with programmatic source and target interfaces
20040220956	(A)	Software framework that facilitates design and implementation c database applications
20040210554	(A)	Method and apparatus for self-describing externally defined data structures
20040205692	(A)	Method and system for creating reusable software components through a uniform interface
20040205552	(A)	Method and system for mapping between markup language document and an object model
20040181542	(A)	Session bean implementation of a system, method and software for creating or maintaining distributed transparent persistence o complex data objects and their data relationships
20040177093	(A)	Displayable presentation page and SQL searchable relational dat source implementation of a system, method and software for creating or maintaining distributed transparent persistence of complex data objects and their data relationships
20040167894	(A)	Method for using a business model data interface
20040148304	(A)	Knowledge information management toolkit and method
20040123048	(A)	Dynamic object-driven database manipulation and mapping system having a simple global interface and an optional multiple user need only caching system with disable and notify features
20040107183	(A)	Method for simplifying databinding in application programs
20040103073	(A)	System for and method of using component-based development and web tools to support a distributed data management systerr
20040015829	(A)	System, method and software for creating, maintaining, navigati or manipulating complex data objects and their data relationshir
20040010776	(A)	Computer system for performing reusable software application development from a set of declarative executable specifications
20040010498	(A)	Object persistence to relational database within run-time environment supporting attributes and reflection
20040006549	(A)	Micro edition dynamic object-driven database manipulation and mapping system

Sign in

Google

Web Images Video News Maps more »

data type and external storage of large object Search Advanced Search Preferences

The "AND" operator is unnecessary -- we include all search terms by default. [details]

Web Results **1** - **10** of about **1,110,000** for **data type and external storage of large object**. (**0.37** seconds)

Book results for **data type and external storage of large object**

Advances in Databases - by Suzanne M. Embury - 182 pages
SQL - by James R. Groff, Paul N. Weinberg
Foundations of Intelligent Systems - by Ning Zhong - 697 pages

Reference (computer science) - Wikipedia, the free encyclopedia

[edit] **External** and internal **storage**. In many **data** structures, **large**, complex **objects** are composed of smaller **objects**. These **objects** are typically stored in ...
en.wikipedia.org/wiki/Reference_(computer_science) - 32k - Cached - Similar pages

1 Introduction to **Large Objects**

The database accesses **external** LOBs using the SQL **datatype** BFILE . ... Table 1-1 describes each **large object datatype** supported by the database and ...
www.oracle.com/pls/xe102/lookup?id=ADLOB001 - 28k - Cached - Similar pages

Contents

Restrictions on Serial and Simple-**Large-Object Data Types** · CREATE SCHEMA · CREATE SCRATCH TABLE ... Restrictions on **External** Tables in Joins and Subqueries ...
publib.boulder.ibm.com/infocenter/ids9help/topic/com.ibm.sqls.doc/sqls02.htm - 172k - Cached - Similar pages

Contents

Understanding **large object data types** (BLOB, CLOB, DBCLOB) ... SQLDA format · Example: Select-statement for allocating **storage** for SQLDA · Using a cursor ...
publib.boulder.ibm.com/iseries/v5r1/ic2924/info/sqlp/rbafymst02.htm - 43k - Cached - Similar pages
[More results from publib.boulder.ibm.com]

MySQL General Information

Oracle: Binary:LONG RAW (2 GB), BLOB (4 GB) and BFILE (**external storage**, up to 4 GB) **data types**. Character: LONG (2 GB) and CLOB (4 GB) **data types**. ...
www-css.fnal.gov/dsg/**external**/freeware/mysql-vs-pgsql.html - 26k - Cached - Similar pages

HDF Newsletter #18

It will support a new **data** model, with a single, unified **object type** from which ... linked-block and **external storage** options, plus some new ones such as ...
hdf.ncsa.uiuc.edu/newsletters/newsletter18.html - 11k - Cached - Similar pages

PostgreSQL: Documentation: Manuals: PostgreSQL 7.3: **Data Types**

Each **data type** has an **external** representation determined by its input and output functions. ... For information about BLOBS (Binary **Large Objects**) see: ...
www.postgresql.org/docs/7.3/interactive/**datatype**.html - 32k - Cached - Similar pages

PostgreSQL: Documentation: Manuals: PostgreSQL 8.2: CREATE **TYPE**

The name of a function that converts **data** from the **type's external** textual ... This example creates a **large object type** and uses it in a table definition: ...
www.postgresql.org/docs/current/static/sql-create**type**.html - 26k - Cached - Similar pages
[More results from www.postgresql.org]

Glossary
external LOB. A **Large Object datatype** that is stored outside of the database ... A database **storage** unit that groups related logical structures together. ...
www.stanford.edu/dept/itss/docs/oracle/10g/appdev.101/b10796/adlob_gl.htm - 11k - Cached - Similar pages

CREATE **TYPE**
Storage technique for the **data type**. If specified, must be 'plain', ... This command creates a **large object type** and uses it in a table definition: ...
www.redhat.com/docs/manuals/**data**base/RHDB-7.1.3-Manual/sql/sql-create**type**.html - 17k - Cached - Similar pages

Result Page: 1 2 3 4 5 6 7 8 9 10 **Next**

---

data type and external storage of lar Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Google Home - Advertising Programs - Business Solutions - About Google

Sign in

Google

Web Images Video News Maps more »

dedicated directory and designated field Search Advanced Search Preferences

The "AND" operator is unnecessary -- we include all search terms by default. [details]

Web Results **1 - 10** of about **1,020,000** for **dedicated directory and designated field**. (**0.13** seconds)

Installing and Configuring WS_FTP
The next step is to download the program to a **dedicated directory** you ... all your home page files in a **designated directory** on your PC (a really good idea) ...
www.usats.com/learn/ftp.shtml - 21k - Cached - Similar pages

Directory of African American Architects - Job Postings
Client is an interiors and architecture firm **dedicated** to creating ... Participants MUST have a minimum of five years experience in your **designated fields**, ...
blackarch.uc.edu/jobposting.php - 20k - Cached - Similar pages

SGI TPL (IRIX 6.5: Developer/OrOn2_ProgRef - Chapter 2. M Mode ...
The uncached space **designated** when Uncached Attribute=0 is the Hub Special ... The extended **directory** is contained in **dedicated directory** DIMMs which are ...
techpubs.sgi.com/library/tpl/cgi-bin/getdoc.cgi/0650/bks/SGI_Developer/books/OrOn2_ProgRef/sgi_html/ch02.html - 37k - Cached - Similar pages

Computer system with integrated **directory** and processor cache - US ...
Rather than storing **directory** entries in a **dedicated directory** storage, **directory** entries may be stored in **designated** locations of cache memory subsystem, ...
www.patentstorm.us/patents/6868485-description.html - 63k - Cached - Similar pages

Distributed **directory** for information stored on audio quality ...
Directory data is stored in the **designated** part of such blocks, including an ... Instead, by associating each block with its **dedicated directory**, ...
www.patentstorm.us/patents/5600821-description.html - 59k - Cached - Similar pages
[More results from www.patentstorm.us]

Montreal **Designated** as a City of Design by UNESCO | Dexigner
Montreal already exports knowledge in the **field** of strategic design promotion ... a bureau **dedicated** exclusively to the development and promotion of design. ...
www.dexigner.com/design_news/6235/ - Similar pages

FTP Tutorial - How to create FTP accounts
Step 4: Enter the username for the new FTP account in the blank **field** next to ... SiteGround recommends that a specific **directory** is **designated** for each ...
www.siteground.com/tutorials/ftp/ftp_account.htm - 20k - Cached - Similar pages

DAA Data Access Arrangement DAA **Designated** Approving Authority DAA ...
... DFA Delayed Flaps Approach DFA **Designated Field** Activity DFA Deterministic ... DTY Draw Texture Yarn DTZ Division Tactical Zone DUA **Directory** User Agent ...
www.xs4all.nl/~jtv/gtf/by_letter/D - 49k - Cached - Similar pages

Campus Building **Directory**
The new center, **dedicated** April 9, 2005, incorporates limestone arches and walls from KU's ... It is a KU Center for Research **Designated** Research Center, ...
www.buildings.ku.edu/h.shtml - 19k - Cached - Similar pages

Design-Build Institute of America - Membership

The DBIA is the leading institute in the United States **dedicated** to the rapidly growing **field** of design-build and integrated services. **...**
www.dbia.org/mbr/index.html - 32k - Cached - Similar pages

Result Page: **1** 2 3 4 5 6 7 8 9 10 **Next**
